

RUNOFF AND SEDIMENT CONTROL PLAN FOR THE CRANDALL CANYON MINE

1.0 INTRODUCTION

The Coal Mining and Reclamation Permanent Program of the Utah Division of Oil, Gas and Mining requires that coal mines in the State of Utah develop runoff- and sediment-control plans to minimize the impacts of mining to the hydrologic environment. Pursuant to this program and to Notices of Violation N85-4-5-2, 2 of 2, N85-4-12-3, 1 of 3, and N85-4-12-3, 3 of 3, this plan has been developed by EarthFax Engineering, Inc. for the Crandall Canyon Mine of Genwal Coal Company, located approximately 10 miles northwest of Huntington, Utah (Figure 1). Although a sedimentation pond and certain runoff-control facilities currently exist at the site, the adequacy of all structures was reviewed in light of a proposed expansion of the Crandall Canyon surface facilities.

This report presents the results of analyses and designs for runoff- and sediment-control facilities at the Crandall Canyon Mine. Section 2.0 of the report presents methods used for analyses, followed by results of analyses and a discussion of the designs in Section 3.0. A list of references is provided in Section 4.0.

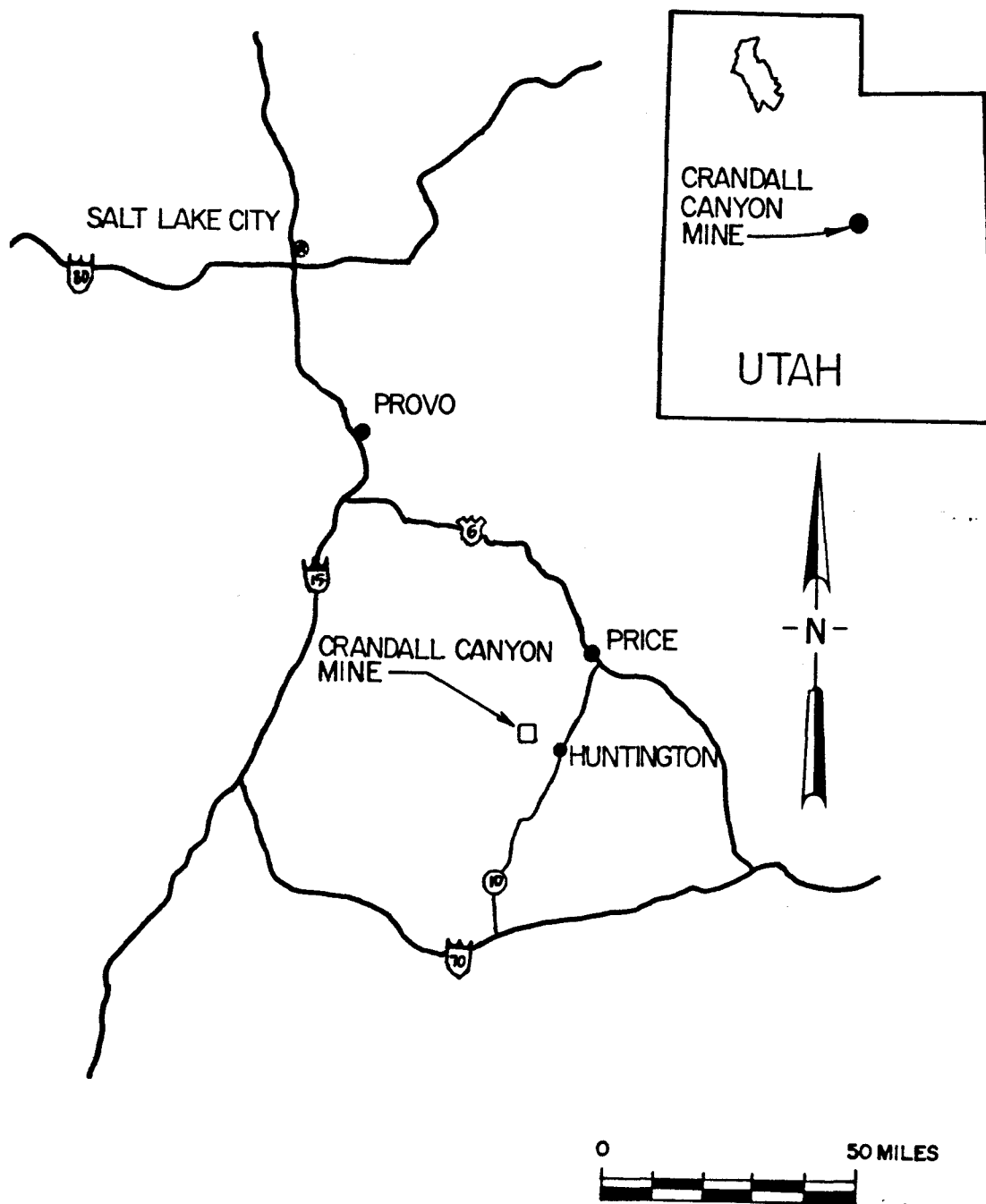


Figure 1. General location of the Crandall Canyon Mine.